

# Johnson St NE / 35W Intersection Improvements

March 14, 2023

Bicycle Advisory Committee  
20% Conceptual Design



**Minneapolis**  
City of Lakes



**Stantec**

# Introductions

---

## **Minneapolis Public Works**

Fontaine Burruss, TPP

Luke Hanson, TPP

Drew Schmitz, TPP

Bev Warmka, TED

## **Stantec Design Team**

Steven Voelker, PE – PM/Civil design lead

Tyler McLeete, PE – Senior PM

# Agenda

---

Introductions

Project Background

Project Scope

Project Coordination

Concept Development

Project Schedule/Next Steps

Open Discussion

# Project Scope

---

## What?

Reconstruction of the intersection of Johnson St NE/ I35W Ramps/ Quarry Access

## Why?

To improve the safety, comfort and travel experience for all users

## When?

Planning and design – 2022-2023

Construction - 2024



# Project Goals

---

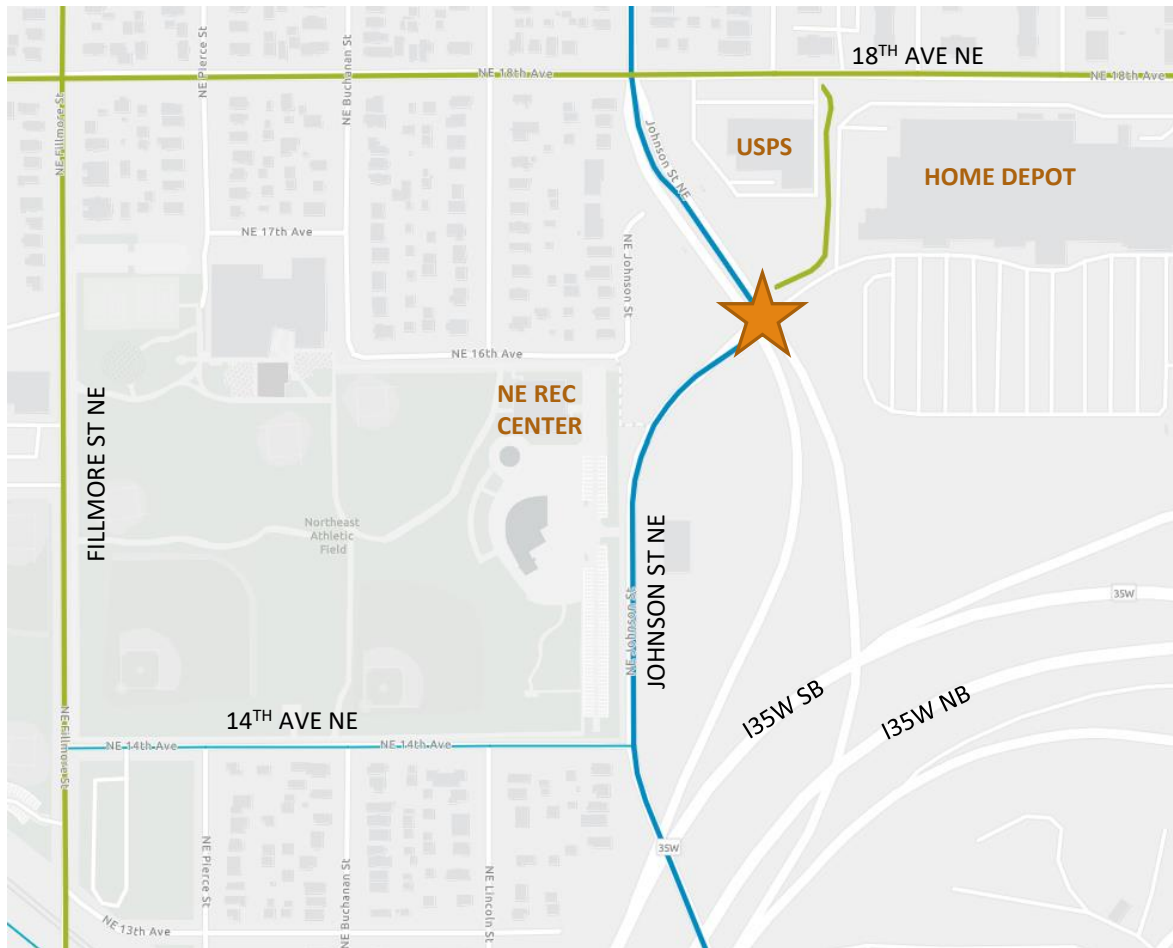
- Improve safety and comfort for all people using the intersection
- Improve the design and operation of the intersection
- Replace and improve aging signals and pavement
- Upgrade sidewalks, ramps, and crossings
- Make it safer and more comfortable to bike through the area
- Support current and future transit
- Incorporate green stormwater infrastructure and sustainable landscaping

# Project Coordination

---

- MnDOT
  - I-35W Ramps
- The Quarry
  - Access from Eastern leg
- MetroTransit
  - Current routes #4 and #30 have stops within project area
  - Future BRT Route
- Public Engagement
  - Round 1 - held early February
  - Round 2 - anticipated mid-April

# Bicycle Facilities



## Existing Bikeways

- Low Stress Bikeway
- Connector Bikeway

## Planned Bikeways

- Near-term Low Stress Bikeway
- Connector or Long-term Low Stress Bikeway



# Existing Facilities

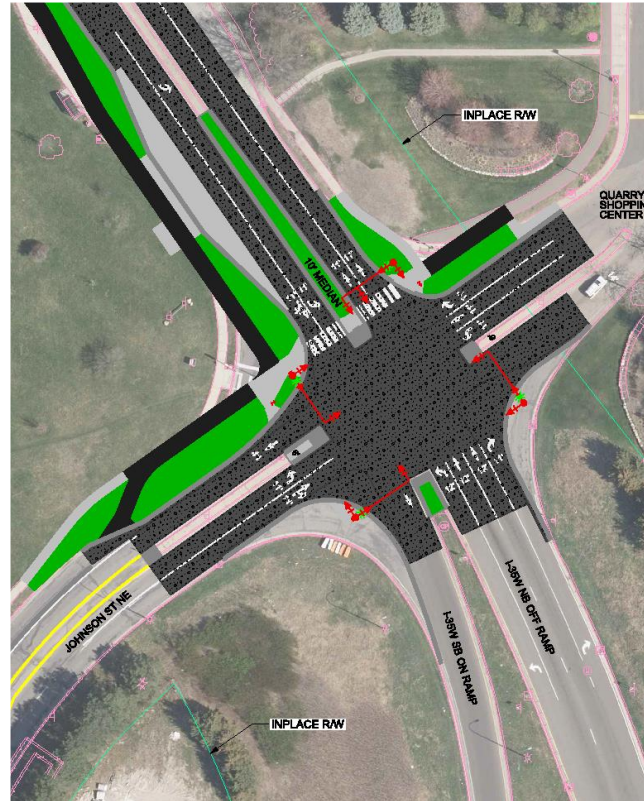


- Existing trail terminates at intersection
- Opportunity to crossing experience through the intersection.
- Coordinate with long term vision of bicycle facility along Johnson St NE to the South.
- Provide connections to the Northeast Recreation Center and local neighborhoods



# Design Considerations

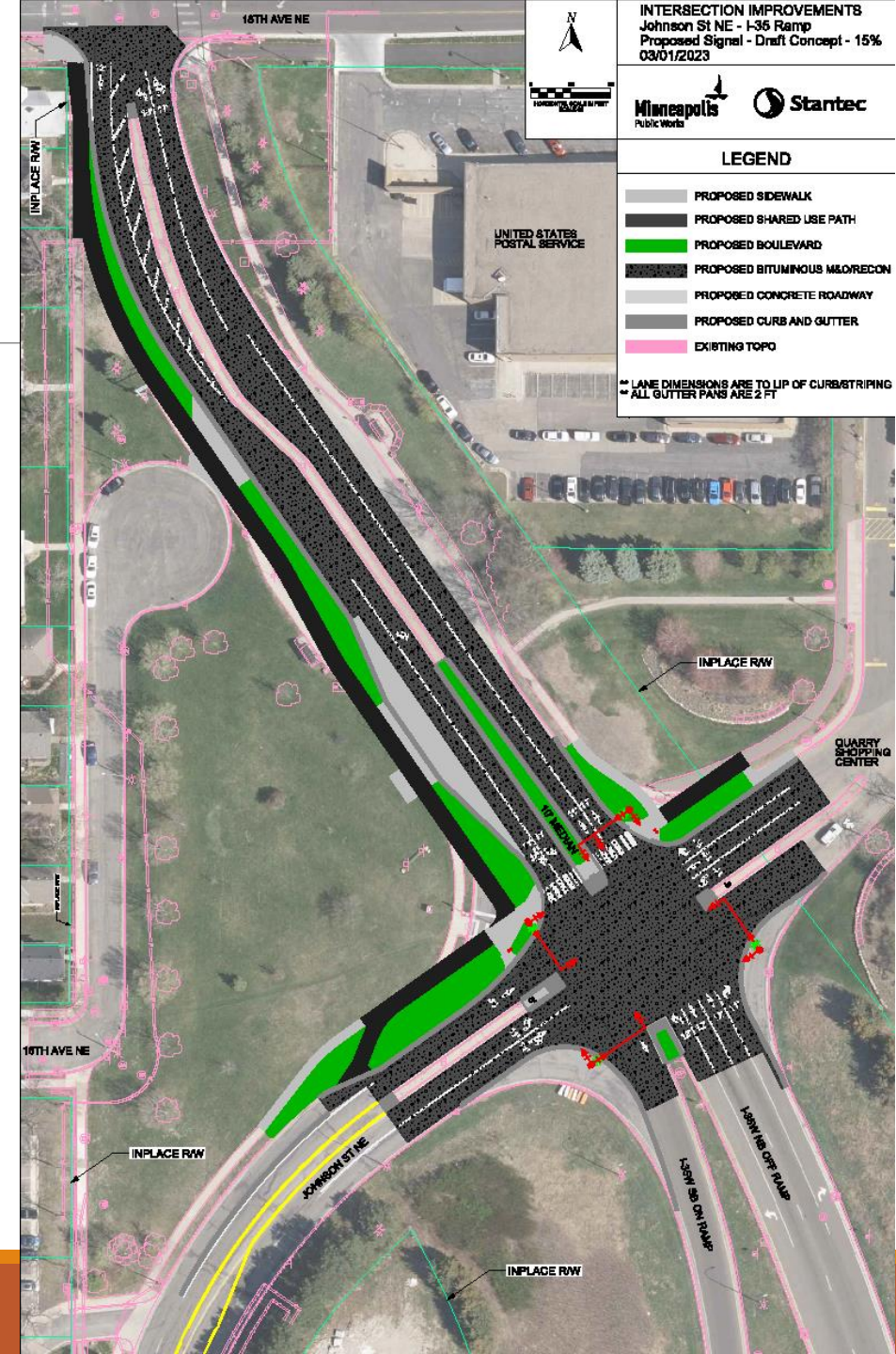
- Two design options considered
  - Signalized Intersection
  - Roundabout
- Prepared ICE report to analyze both concepts
  - Used traffic models to understand current and future operations needs
  - Both options require two NB travel lanes
- Proceeding with signalized intersection control
  - Not just a traffic consideration
  - Ped safety concerns with a roundabout





# Current Concept

- Incorporate 10' SUP along the West to connect to 18th Ave NE
- Shorten crossing distance for bikes/peds
  - Existing ~ 160'
  - Proposed ~ 80'
- 10' protected median
- Shift bus stop closer to the intersection



# Schedule/Next Steps

---

- Public Engagement Round 2 – Mid-April
- Fed/Env Documentation
- Concept Development/Refinement
- Final design 2023/2024
- Construction 2024/2025

# Questions

---

**Fontaine Burruss**

Transportation Planner

[fontaine.burruss@minneapolismn.gov](mailto:fontaine.burruss@minneapolismn.gov)